L Number	Hits	Search Text	DB	Time stamp
1	1055	(determin$5 with ((black?edge) or (black near3 (edge or character or text))) same (((bright$4 or light$4) and saturation and hue)) or HSB)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/05 14:54
2	1054	(determin$5 with ((black?edge) or (black near3 (edge or character or text))) with (((bright$4 or light$4) and saturation and hue)) or HSB)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/05 14:54
3	0	(determin$5 with ((black?edge) or (black near3 (edge or character or text))) with (((bright$4 or light$4) and saturation and hue) or HSB))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/05 14:55
4	1	(determin$5 with ((black?edge) or (black near3 (edge or character or text))) same (((bright$4 or light$4) and saturation and hue) or HSB))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/05 14:58
5	1	((determin$5 or detect$3) with (((black?edge) or (black near3 (edge or character or text))) same (((bright$4 or light$4) and saturation and hue) or HSB))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/05 15:00
6	1	((determin$5 or detect$3) with ((black?edge) or (black near6 (edge or character or text))) same (((bright$4 or light$4) and saturation and hue) or HSB))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/05 15:00
7	3	((determin$5 or detect$3) with ((black?edge) or (black near9 (edge or character or text))) same (((bright$4 or light$4) and saturation and hue) or HSB))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/05 15:02
8	3	((determin$5 or detect$3) with ((black?edge) or (black near9 (edge or character or text))) same (((bright$4 or light$4) and saturat$3 and hue) or HSB))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/05 15:03
9	6	((determin$5 or detect$3) with ((black?edge) or (black near9 (pixel or edge or character or text))) same (((bright$4 or light$4) and saturat$3 and hue) or HSB))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/05 15:04
10	9	((determin$5 or detect$3) with ((black?edge) or (black near9 (pixel or edge or character or text))) same (((bright$4 or light$4 or luminance) and saturat$3 and hue) or HSB))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/05 15:19
11	0	526878.an.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/05 15:19
12	5	526878.ap.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/05 15:20
13	108	Nabeshima-Takayuki.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/05 15:20
14	9	Nabeshima-Takayuki.in. and edge and black	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/05 15:22

15	0	Nabeshima-Takayuki.in. and edge and hue and saturation	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/05 15:22
16	1	Nabeshima-Takayuki.in. and hue and saturation	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/05 15:24
17	1	Nabeshima-Takayuki.in. and lightness and saturation	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/05 15:24
-	2	((detect$3 near3 edge) and (pseudo-black or (pseudo near2 black))) and (358/$.ccls. or 382/$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/14 14:34
-	31	(detect$3 near3 edge and (quasi-black) or (quasi near2 black) or (pseudo-black) or (pseudo near2 black)) and (345/$.ccls. or 358/$.ccls. or 382/$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 14:42
-	31	((detect$3 near3 edge) and (quasi-black) or (quasi near2 black) or (pseudo-black) or (pseudo near2 black)) and (345/$.ccls. or 358/$.ccls. or 382/$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 14:44
-	2	((detect$3 near3 edge) and ((quasi-black) or (quasi near2 black) or (pseudo-black) or (pseudo near2 black))) and (345/$.ccls. or 358/$.ccls. or 382/$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 14:45
-	0	((detect$3 near3 edge) and ((quasi-black) or (quasi near2 black) or (pseudo-black) or (pseudo near2 black))) and (hue or chromaticity or chrominance)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 14:46
-	5	((detect$3 near3 edge) and ((quasi-black) or (quasi near2 black) or (pseudo-black) or (pseudo near2 black)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 14:48
-	10	edge same ((quasi-black) or (quasi near2 black) or (pseudo-black) or (pseudo near2 black))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 14:52
-	47	(edge or text or character or line or dot or pixel) same ((quasi-black) or (quasi near2 black) or (pseudo-black) or (pseudo near2 black))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 14:53
-	59	((edge or text or character or line or dot or pixel) same ((quasi-black) or (quasi near2 black) or (pseudo-black) or (pseudo near2 black))) not8	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 14:53
-	37	((edge or text or character or line or dot or pixel) same ((quasi-black) or (quasi near2 black) or (pseudo-black) or (pseudo near2 black))) not (edge same ((quasi-black) or (quasi near2 black) or (pseudo-black) or (pseudo near2 black)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 14:56
-	94	edge near4 color near4 discrimina$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 14:57

-	20	((edge or text or line or character) near4 color near4 discrimina$5) same (hue or chromaticity or tinge)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 20:06
-	54	((edge or text or line or character or region or dot or pixel) near4 color near4 discrimina$5) same (hue or chromaticity or tinge)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 16:58
-	35	(((edge or text or line or character or region or dot or pixel) near4 color near4 discrimina$5) same (hue or chromaticity or tinge)) and black	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 16:58
-	76	((edge or text or line or character) near4 color near4 difference) same (hue or chromaticity or tinge)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 17:05
-	20	(((edge or text or line or character) near4 color near4 difference) same (hue or chromaticity or tinge)) and black	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 17:06
-	18	((((edge or text or line or character) near4 color near4 difference) same (hue or chromaticity or tinge)) and black) not (((edge or text or line or character) near4 color near4 discrimina$5) same (hue or chromaticity or tinge))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 17:06
-	5	((detect$3 near3 edge) same (brightness and saturation and hue)) and (358/$.ccls. or 382/$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 14:22
-	4	(((determin$5 or sort or extract$3) near3 edge) same ((bright$4 or luminan$2) and saturation and hue)) and (358/$.ccls. or 382/$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/19 15:32
-	2	(((determin$5 or sort or select or extract) near3 edge) same ((bright$4 or luminan$2) and saturation and hue)) and (358/$.ccls. or 382/$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/19 15:44
-	7	(((determin$5 or sort$3 or select$3 or extract$3) near3 edge) same ((bright$4 or luminan$2) and saturation and hue)) and (358/$.ccls. or 382/$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/24 08:33
-	9	(((determin$5 or sort$3 or select$3 or extract$3) near3 edge) same ((bright or brightness or luminance) and saturation and hue))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/24 08:26
-	2	(((determin$5 or sort$3 or select$3 or extract$3) near3 edge) same ((bright or brightness or luminance) and saturation and hue)) same black	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/24 08:26
-	10	(((determin$5 or sort$3 or select$3 or discover or process or extract$3 or detect$3) near7 edge) same (brightness and saturation and hue)) and (358/$.ccls. or 382/$.ccls. or 345/$.ccls. or 348/$.ccls or 702/$.ccls)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/24 08:43

-	5	(((determin$5 or sort$3 or select$3 or discover or process or extract$3 or detect$3) near7 edge) same (brightness and saturation and hue)) and black and (358/$.ccls. or 382/$.ccls. or 345/$.ccls. or 348/$.ccls or 702/$.ccls)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/24 08:50
-	25	(((determin$5 or sort$3 or select$3 or identify or discover or process or extract$3 or detect$3) near9 edge) same ((lumin$6 or brightness or lightness) and saturation and hue)) and black and (358/$.ccls. or 382/$.ccls. or 345/$.ccls. or 348/$.ccls or 702/$.ccls)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/24 09:05
-	8	(((determin$5 or sort$3 or select$3 or identify or discover or process or extract$3 or detect$3) near9 edge) same ((lumin$6 or brightness or lightness) and saturation and hue)) and (black near7 edge) and (358/$.ccls. or 382/$.ccls. or 345/$.ccls. or 348/$.ccls or 702/$.ccls)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/24 09:06
-	2	(pseudo or quasi) near5 black adj5 edge	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 14:25
-	19	(((pseudo or quasi) near5 black)) and (edge near4 (detect$3 or sens$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 11:03
-	4	((((pseudo or quasi) near5 black)) and (edge near4 (detect$3 or sens$3))) and (light and saturat$3 and hue)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 11:04
-	7	((pseudo or quasi) near5 black) near4 edge	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 11:19
-	198	Katayama and luminance and threshold	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 20:06
-	38	Katayama and luminance and threshold and edge and hue	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 20:07
-	7	Katayama.in. and luminance and threshold and edge and hue	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 20:07
-	240196	((scan or scanned or scanning or read or reading) near5 image)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/14 14:52
-	45713	((extract or extracting or extracted or detect or detecting or detected) near4 edge)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/19 12:45
-	664	((judge or judged or judging or assess or assessment or assessing or assesses or identify or identification or identified or decided or decide or decision or deciding or determine or determination or determining) with (black with edge))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/19 12:46

-	641	((receive or receiving or received or obtain or obtained or obtaining or calculate or derive or deriving or derived or calculating or calculated or extract or extracting or extracted or detect or detecting or detected) with ((brightness or lightness) and saturation and hue))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/14 15:03
-	2	(((scan or scanned or scanning or read or reading) near5 image)) and (((extract or extracting or extracted or detect or detecting or detected) near4 edge)) and (((judge or judged or judging or assess or assessment or assessing or assesses or identify or identification or identified or decided or decide or decision or deciding or determine or determination or determining) with (black with edge))) and (((receive or receiving or received or obtain or obtained or obtaining or calculate or derive or deriving or derived or calculating or calculated or extract or extracting or extracted or detect or detecting or detected) with ((brightness or lightness) and saturation and hue)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/14 15:05
-	2	(((extract or extracting or extracted or detect or detecting or detected) near4 edge)) and (((judge or judged or judging or assess or assessment or assessing or assesses or identify or identification or identified or decided or decide or decision or deciding or determine or determination or determining) with (black with edge))) and (((receive or receiving or received or obtain or obtained or obtaining or calculate or derive or deriving or derived or calculating or calculated or extract or extracting or extracted or detect or detecting or detected) with ((brightness or lightness) and saturation and hue)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/14 15:16
-	659	((black?edge) or (black near3 (edge or character or text)) adj (detector or detection or detecting or detected))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/14 15:28
-	3	(((judge or judged or judging or assess or assessment or assessing or assesses or identify or identification or identified or decided or decide or decision or deciding or determine or determination or determining) with (black with edge))) and (((receive or receiving or received or obtain or obtained or obtaining or calculate or derive or deriving or derived or calculating or calculated or extract or extracting or extracted or detect or detecting or detected) with ((brightness or lightness) and saturation and hue)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/14 15:27
-	709	((black?edge) or (black near3 (line or edge or character or text)) adj (detector or detection or detecting or detected))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/14 15:29

-	0	(((black?edge) or (black near3 (line or edge or character or text)) adj (detector or detection or detecting or detected))) and (((judge or judged or judging or assess or assessment or assessing or assesses or identify or identification or identified or decided or decide or decision or deciding or determine or determination or determining) with (black with edge))) and (((receive or receiving or received or obtain or obtained or obtaining or calculate or derive or deriving or derived or calculating or calculated or extract or extracting or extracted or detect or detecting or detected) with ((brightness or lightness) and saturation and hue)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/14 15:29
-	0	(((black?edge) or (black near3 (line or edge or character or text)) adj (detector or detection or detecting or detected))) and (((receive or receiving or received or obtain or obtained or obtaining or calculate or derive or deriving or derived or calculating or calculated or extract or extracting or extracted or detect or detecting or detected) with ((brightness or lightness) and saturation and hue)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/14 15:29
-	63	(((black?edge) or (black near3 (line or edge or character or text)) adj (detector or detection or detecting or detected))) and (((judge or judged or judging or assess or assessment or assessing or assesses or identify or identification or identified or decided or decide or decision or deciding or determine or determination or determining) with (black with edge)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/14 15:29
-	57406	((judge or judged or judging or assess or assessment or assessing or assesses or identify or identification or identified or decided or decide or decision or deciding or determine or determination or determining) with edge)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/14 15:11
-	2131	((judge or judged or judging or assess or assessment or assessing or assesses or identify or identification or identified or decided or decide or decision or deciding or determine or determination or determining) with edge) same (black or "k" or noir)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/14 15:13
-	2373	(judge or judged or judging or assess or assessment or assessing or assesses or identify or identification or identified or decided or decide or decision or deciding or determine or determination or determining) same ((black or "k" or noir) with edge)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/14 15:13
-	62059	((extract$3 or detect$3) near4 edge)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/19 13:00
-	1092	((detect$3 orjudge or judged or judging or assess or assessment or assessing or assesses or identify or identification or identified or decided or decide or decision or deciding or determine or determination or determining) near9 (black with edge))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/19 12:48
-	107213	((detect$3 orjudge or judged or judging or assess or assessment or assessing or assesses or identify or identification or identified or decided or decide or decision or deciding or determine or determination or determining) near9 (color or hue))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/19 13:01

-	84381	((detect$3 orjudge or judged or judging or assess or assessment or assessing or assesses or identify or identification or identified or decided or decide or decision or deciding or determine or determination or determining) near9 (color or hue))	USPAT; US-PGPUB; JPO	2004/07/19 14:34
-	5653	((extract$3 or detect$3) near4 edge) and (358/$.ccls. or 382/$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/19 12:52
-	1582	(((extract$3 or detect$3) near4 edge)) and (((detect$3 orjudge or judged or judging or assess or assessment or assessing or assesses or identify or identification or identified or decided or decide or decision or deciding or determine or determination or determining) near9 (color or hue))) and (358/$.ccls. or 382/$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/19 13:02
-	229	(((extract$3 or detect$3) near4 edge)) and (((detect$3 orjudge or judged or judging or assess or assessment or assessing or assesses or identify or identification or identified or decided or decide or decision or deciding or determine or determination or determining) near9 (color or hue))) and (358/2.1.ccls. or 358/2.1.ccls. or 358/3.15.ccls. or 358/3.27.ccls. 358/462.ccls. or 382/199.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/19 12:59
-	1403	((extract$3 or detect$3) near4 (color near6 edge))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/19 13:00
-	108168	((detect$3 or judge or judged or judging or assess or assessment or assessing or assesses or identify or identification or identified or decided or decide or decision or deciding or determine or determination or determining) near9 (color or hue))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/19 13:01
-	448	(((extract$3 or detect$3) near4 (color near6 edge))) and (((detect$3 or judge or judged or judging or assess or assessment or assessing or assesses or identify or identification or identified or decided or decide or decision or deciding or determine or determination or determining) near9 (color or hue))) and (358/$.ccls. or 382/$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/19 13:03
-	138	(((extract$3 or detect$3) near4 (color near6 edge))) and (((detect$3 or judge or judged or judging or assess or assessment or assessing or assesses or identify or identification or identified or decided or decide or decision or deciding or determine or determination or determining) near9 (color or hue))) and (358/1.15.ccls. or 358/1.9.ccls. or 358/2.1.ccls. or 358/2.1.ccls. or 358/3.15.ccls. or 358/3.27.ccls. 358/462.ccls. or 382/199.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/19 13:16
-	984	(e-mail or electronic adj mail or e?mail or (internet adj mail)) near3 (group or grouping)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/19 13:18
-	253	(e-mail or electronic adj mail or e?mail or (internet adj mail)) near1 (group or grouping)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/19 13:19

-	345	(e-mail or electronic adj mail or e?mail or (internet adj mail)) near3 (group or grouping) and (?fax or fax or facsimile)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/19 13:20
-	112	(e-mail or electronic adj mail or e?mail or (internet adj mail)) near3 (group or grouping) same (?fax or fax or facsimile)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/19 13:21
-	17	((e-mail or electronic adj mail or e?mail or (internet adj mail)) adj2 address) near3 (group or grouping) same (?fax or fax or facsimile)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/19 13:22
-	1540	((detect$3 or judge or judged or judging or assess or assessment or assessing or assesses or identify or identification or identified or decided or decide or decision or deciding or determine or determination or determining) near9 (color with hue))	USPAT; US-PGPUB; JPO	2004/07/19 14:36
-	64	(((extract$3 or detect$3) near4 (color near6 edge))) and (((detect$3 or judge or judged or judging or assess or assessment or assessing or assesses or identify or identification or identified or decided or decide or decision or deciding or determine or determination or determining) near9 (color with hue)))	USPAT; US-PGPUB; JPO	2004/07/19 14:36